

Hollinger Public Blast Report

Blast Pattern: 3298_020
Date: 13-Apr-21
Blast Time: 11:40
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 5905 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13
Wind Direction: S
Temperature: 10.9 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	55.5 LAeq	96.4 dB
Edwards:	46.2 LAeq	90.6 dB
Fred:	50.9 LAeq	102.3 dB
Hollinger Office:	56.6 LAeq	102.0 dB
Noah:	60.0 LAeq	98.0 dB
Sandy:	48.2 LAeq	100.4 dB
Water Tower:	50.7 LAeq	107.9 dB
Wilson:	53.0 LAeq	99.2 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	10.1	14.4	16.2
Edwards:	7.6	8.3	13.5	15.2
Hollinger Office:	9.5	10.4	20.7	25.4
Sandy:	8.2	9.3	23.0	26.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	2.5	6.0
Edwards:	2.0	3.6
Hollinger Office:	6.6	18.1
Sandy:	1.6	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.9	0.3	0.6
Hollinger West:	0.6	0.4	0.5
Imerys:	1.1	1.5	1.3
Noah:	0.8	0.8	0.9
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	1.5	0.7	1.6
Water Tower:	2.3	0.9	2.0
Wilson:	1.0	1.2	1.5